| Ref<br># | Hits | Search Query                            | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|---|---------------------|---------|------------------|
| S1       | 11   | aaa aaah aaaf ha fa mn                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2005/10/06 09:05 |
| S3       | 30   | reg-req                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2005/09/28 16:06 |
| S5       | 2    | S1 reg-req                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2005/09/28 16:08 |
| S9       | 2316 | mobile adj ip                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2005/10/04 16:00 |
| S10      | 61   | S9 key adj distribution                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2005/09/28 16:24 |
| S11      | 2    | secure adj registration adj path        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2005/09/28 16:25 |
| S12      | 13   | (registration adj path) (mobile adj ip) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2005/09/28 16:42 |
| S59      | 893  | (home adj agent) (foreign adj agent)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2005/10/03 10:14 |

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| S60 | 736  | S59 (mobile adj ip)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2005/10/03 10:14 |
| S61 | 16   | S60 diffie-hellman   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2005/10/03 10:45 |
| S62 | 1312 | diffie-hellman   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2005/10/03 10:45 |
| S63 | 486  | S62 session adj key  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2005/10/03 10:45 |
| S64 | 362  | S63 signature  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2005/10/03 10:45 |
| S65 | 5    | S64 mobile adj ip  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2005/10/03 10:45 |
| S66 | 7    | (("6901429") or ("20020118674") or<br>("5416842") or ("4200770") or<br>("6526033") or ("20010016492") or<br>("6421714")).PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | OFF | 2005/10/03 12:27 |
| S74 | 130  | diameter adj protocol  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2005/10/03 13:33 |
| S75 | 48   | S74 (mobile adj ip)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2005/10/03 13:48 |

| S79 | 216   | aaa ha mn fa                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/03 13:50 |
|-----|-------|---|---|-----|----|------------------|
| S80 | 14    | fa same decrypt\$4                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/03 13:50 |
| S90 | 1700  | fa same signature                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/03 15:41 |
| S91 | 9203  | (fa or ha) same signature                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/03 15:40 |
| S92 | 9     | S91 mobile adj ip                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/03 15:40 |
| S93 | 3     | S90 mobile adj ip                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/03 15:41 |
| S94 | 26253 | (fa or ha) same (signature or sign or signed) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/03 15:40 |
| S95 | 6209  | fa same (sign or signed or signature)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/03 15:41 |

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|----------|-----|---|---|----------|-----|------------------|
| S96      | 8   | S95 mobile adj ip   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND      | ON  | 2005/10/03 15:41 |
| S12<br>0 | 7   | (("5793762") or ("6167513") or<br>("6421714") or ("4200770") or<br>("20020118674") or ("20030092425")<br>or ("6421714") or ("20010016492")).<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR       | OFF | 2005/10/04 14:38 |
| S12<br>1 | 3   | S120 identifier   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND      | ON  | 2005/10/04 12:19 |
| S12<br>2 | 4   | S120 (sign or signed or signature)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND      | ON  | 2005/10/04 12:25 |
| S12<br>3 | 3   | S120 (security adj association)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND      | ON  | 2005/10/04 12:27 |
| S13<br>3 | 289 | (diffie-hellman same random)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND      | ON  | 2005/10/04 13:43 |
| S13<br>4 | 167 | (diffie-hellman same (random adj<br>number))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND .    | ON  | 2005/10/04 13:43 |
| S13<br>5 | 4   | ((diffie-hellman same (random adj<br>number)) same (n p g))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND      | ON  | 2005/10/04 13:45 |
| S13<br>6 | 5   | ((diffie-hellman same parameters) same (n same p same g))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND      | ON  | 2005/10/04 13:46 |

| S16<br>0 | 189  | (diffie-hellman or (diffie adj hellman))<br>same parameters                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON  | 2005/10/04 16:17 |
|----------|------|---|---|-------|-----|------------------|
| S16<br>1 | 98   | S160 (session adj key)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON  | 2005/10/04 16:16 |
| S16<br>2 | 14   | (diffie-hellman or (diffie adj hellman))<br>same parameters same (session adj<br>key) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND . | ON  | 2005/10/04 16:48 |
| S16<br>3 | 131  | (diffie-hellman or (diffie adj hellman)) same (g p)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON  | 2005/10/04 16:26 |
| S16<br>4 | 31   | (diffie-hellman or (diffie adj hellman)) same (g n p)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON  | 2005/10/04 16:26 |
| S18<br>6 | 1057 | (session adj key) same (sign or signed or signature)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON  | 2005/10/05 12:46 |
| S18<br>7 | 169  | S186 (diffie-hellman or (diffie adj<br>hellman))                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON  | 2005/10/05 12:47 |
| S18<br>8 | 3    | (("6948074") or ("20020118674") or ("20010016492")).PN.                               | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR    | OFF | 2005/10/06 10:52 |
| S19<br>0 | 3    | (("6948074") or ("20020118674") or ("20010016492")).PN.                               | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR    | OFF | 2005/10/05 14:28 |

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| S19<br>1 | 2324   | mobile adj ip  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 15:59 |
| S19<br>2 | 1071   | S191 secur\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 16:00 |
| S19<br>3 | 243    | S192 ((security adj association) or sa)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 16:02 |
| S19<br>4 | 58     | S193 (sign or signed or signature)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 16:05 |
| S19<br>5 | 21     | S192 (((security adj association) or sa) same (sign or signed or signature)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 16:02 |
| S19<br>6 | 859879 | (security adj association) or sa   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 16:06 |
| S19<br>7 | 451    | (security adj association) sa  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 16:05 |
| S19<br>8 | 1153   | (security adj association)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 16:05 |

| S19<br>9 | 255   | S196 (mobile adj ip)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 16:07 |
|----------|-------|--|---|-----|----|------------------|
| S20<br>0 | 218   | S198 (mobile adj ip)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 16:07 |
| S20<br>1 | 53    | S198 (mobile adj ip) (sign or signed or signature)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 16:28 |
| S20<br>2 | 31253 | ((security adj association) or sa) same<br>(sign or signed or signature) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 16:29 |
| S20<br>3 | 64    | S202 ipsec   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2005/10/05 16:39 |